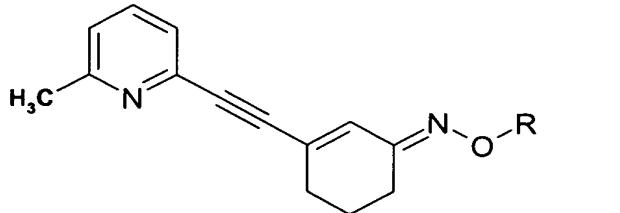


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Original): A compound of formula I



wherein

R is CH₃, (CH₂)_nI, (CH₂)_nBr or (CH₂)_nF, n being 1, 2, 3 or 4

in free base or acid addition salt form.

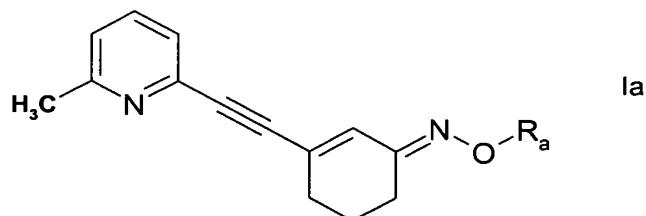
Claim 2. (Original): A compound according to claim 1, wherein

R is ¹¹CH₃, (³H)₃C, (CH₂)_n¹²³I, (CH₂)_n⁷⁶Br or (CH₂)_n¹⁸F, n being 1, 2, 3 or 4

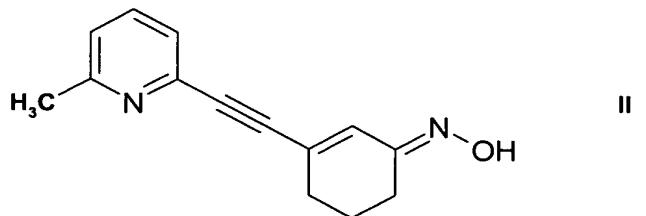
in free base or acid addition salt form.

Claim 3. (Original): A process for the production of a compounds of formula I as defined in claim 1, or a salt thereof, comprising the step of

a) for the production of a compound of formula Ia

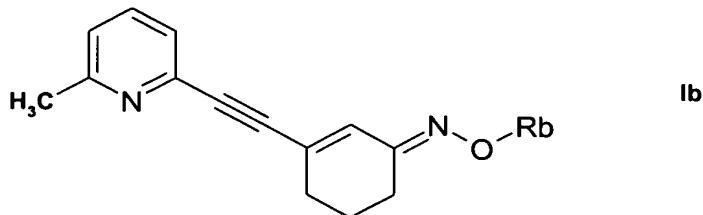


wherein R_a is respectively ¹¹CH₃ or (³H)₃C, reacting the compound of formula II

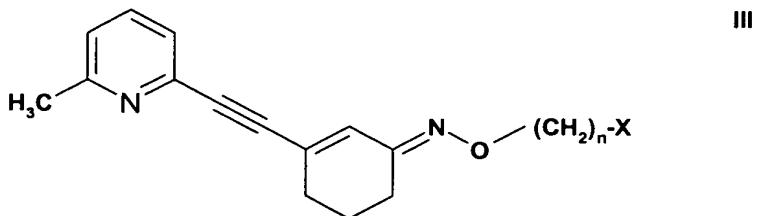


with respectively ¹¹CH₃I or C(³H)₃I, in the presence of a base, or

b) for the production of a compound of formula Ib



wherein Rb is respectively $(CH_2)_n^{18}F$, $(CH_2)_n^{123}I$ or $(CH_2)_n^{76}Br$, reacting a compound of formula III



wherein n is as defined in claim 1 and X is OTs or OMs, with respectively $^{18}F^\ominus$, $^{123}I^\ominus$ or $^{76}Br^\ominus$, or reacting the compound of formula II with a compound of formula IV



wherein X and Rb are as defined above,

and recovering the resulting compound of formula I in free base form or in form of an acid addition salt.

Claim 4. (Original): A compound of formula I as defined in claim 1, in free base or acid addition salt form, for use as a marker for neuroimaging.

Claim 5. (Currently amended): A composition for labeling brain and peripheral nervous system structures involving mGlu5 receptors *in vivo* and/or *in vitro* comprising a compound of formula I as defined in claim 1, in free base or acid addition salt form.

Claim 6. (Original): A method for labeling brain and peripheral nervous system structures involving mGlu5 receptors *in vitro* or *in vivo*, which comprises contacting brain tissue with a compound of formula I as defined in claim 1, in free base or acid salt form.